

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/698, 439

CRF Edit Date: 8/27/04
Edited by: TC

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

ENTERED

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: ✓ invalid beginning/end-of-file text ; __ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/698,439

DATE: 08/27/2004
TIME: 16:28:46

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\08272004\J698439.raw

4 <110> APPLICANT: SIGA PHARMACEUTICALS, INC.
6 <120> TITLE OF INVENTION: New Intergenic and Introngenic Integration Sites for
7 Foreign Gene Expression in Recombinant S. Gordonii Strains
9 <130> FILE REFERENCE: 016921-167

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/698,439

C--> 12 <141> CURRENT FILING DATE: 2003-11-03

14 <150> PRIOR APPLICATION NUMBER: US 60/184,645

15 <151> PRIOR FILING DATE: 2000-02-24

17 <160> NUMBER OF SEQ ID NOS: 49

19 <170> SOFTWARE: PatentIn version 3.0

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 17

23 <212> TYPE: DNA

24 <213> ORGANISM: Artificial Sequence

26 <220> FEATURE:

27 <223> OTHER INFORMATION: Oligonucleotide CF4

29 <400> SEQUENCE: 1

30 aataggggctc gagccgc

17

34 <210> SEQ ID NO: 2

35 <211> LENGTH: 27

36 <212> TYPE: DNA

37 <213> ORGANISM: Artificial Sequence

39 <220> FEATURE:

40 <223> OTHER INFORMATION: Oligonucleotide CF5

42 <400> SEQUENCE: 2

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43 ggatccataat acgactcact ataggc

47 <210> SEQ ID NO: 3

48 <211> LENGTH: 26

49 <212> TYPE: DNA

50 <213> ORGANISM: Artificial Sequence

52 <220> FEATURE:

53 <223> OTHER INFORMATION: Oligonucleotide CF35

55 <400> SEQUENCE: 3

26

56 cgatttcgaca tagaaataaaa ttggag

61 <210> SEQ ID NO: 4

62 <211> LENGTH: 22

63 <212> TYPE: DNA

64 <213> ORGANISM: Artificial Sequence

66 <220> FEATURE:

67 <223> OTHER INFORMATION: Oligonucleotide CF43

69 <400> SEQUENCE: 4

22

70 gtttggtgac ctatagtcag tg

74 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING DATE: 08/27/2004
 PATENT APPLICATION: US/10/698,439 TIME: 16:28:46

Input Set : A:\pto.kd.txt
 Output Set: N:\CRF4\08272004\J698439.raw

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76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Oligonucleotide CF45
82 <400> SEQUENCE: 5
83 tggatggcat gaatgtata 22
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 28
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Oligonucleotide TB59
94 <400> SEQUENCE: 6
95 aaagaagcat aacatatgtc aaaacaag 28
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 26
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Oligonucleotide TB85
106 <400> SEQUENCE: 7
107 acacttcata actttgata cccaga 26
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 27
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Oligonucleotide TB86
119 <400> SEQUENCE: 8
120 ccatttgacc atgagaagac atccatc 27
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 31
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Oligonucleotide TB95
131 <400> SEQUENCE: 9
132 aaatctccat ttgaatgaag tgcctctggg g 31
135 <210> SEQ ID NO: 10
136 <211> LENGTH: 33
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Oligonucleotide TB96
143 <400> SEQUENCE: 10
144 gtccacaaag tgctcaatat tatcccgatt gag 33
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 31

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PATENT APPLICATION: US/10/698,439

DATE: 08/27/2004

TIME: 16:28:46

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

149 <212> TYPE: DNA
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152 <220> FEATURE:
153 <223> OTHER INFORMATION: Oligonucleotide TB100
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156 agggcgtagtccaaaccatatac c 31
159 <210> SEQ ID NO: 12
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161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Oligonucleotide TB103
167 <400> SEQUENCE: 12
168 ggaattccat atgcggataa taaatatata taaacg 36
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 37
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Oligonucleotide TB104
181 <400> SEQUENCE: 13
182 ggaattccat atgcgattca caaaaaatag gcacacg 37
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 23
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
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193 <400> SEQUENCE: 14
194 gcaggagtgg acgaagaagc tcc 23
197 <210> SEQ ID NO: 15
198 <211> LENGTH: 31
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Oligonucleotide TB117
205 <400> SEQUENCE: 15
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209 <210> SEQ ID NO: 16
210 <211> LENGTH: 44
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Oligonucleotide CF4
217 <400> SEQUENCE: 16
218 ctaatacgac tcactatagg gctcgagcgg ccggccgggc aggt 44
221 <210> SEQ ID NO: 17
222 <211> LENGTH: 30
223 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/698,439

DATE: 08/27/2004
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Input Set : A:\pto.kd.txt
 Output Set: N:\CRF4\08272004\J698439.raw

224 <213> ORGANISM: Artificial Sequence	
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237 <212> TYPE: DNA	
238 <213> ORGANISM: Artificial Sequence	
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247 <210> SEQ ID NO: 19	
248 <211> LENGTH: 31	
249 <212> TYPE: DNA	
250 <213> ORGANISM: Artificial Sequence	
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253 <223> OTHER INFORMATION: Oligonucleotide CF10	
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261 <212> TYPE: DNA	
262 <213> ORGANISM: Artificial Sequence	
264 <220> FEATURE:	
265 <223> OTHER INFORMATION: Oligonucleotide CF11	
267 <400> SEQUENCE: 20	
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272 <211> LENGTH: 25	
273 <212> TYPE: DNA	
274 <213> ORGANISM: Artificial Sequence	
276 <220> FEATURE:	
277 <223> OTHER INFORMATION: Oligonucleotide CF14	
279 <400> SEQUENCE: 21	
280 gtttttcgtg tgcctatttt ttgtg	25
283 <210> SEQ ID NO: 22	
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285 <212> TYPE: DNA	
286 <213> ORGANISM: Artificial Sequence	
288 <220> FEATURE:	
289 <223> OTHER INFORMATION: Oligonucleotide CF15	
291 <400> SEQUENCE: 22	
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296 <210> SEQ ID NO: 23	
297 <211> LENGTH: 21	
298 <212> TYPE: DNA	
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RAW SEQUENCE LISTING
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DATE: 08/27/2004
TIME: 16:28:46

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\08272004\J698439.raw

301 <220> FEATURE:
302 <223> OTHER INFORMATION: Oligonucleotide CF16
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305 ctcagtgtaa agagggaaatc c 21
308 <210> SEQ ID NO: 24
309 <211> LENGTH: 22
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Oligonucleotide CF17
316 <400> SEQUENCE: 24 22
317 gagtttcaat ggtttgtct gg
320 <210> SEQ ID NO: 25
321 <211> LENGTH: 25
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Oligonucleotide CF18
328 <400> SEQUENCE: 25 25
329 cttgaaaagc ctgagggctg gttac
332 <210> SEQ ID NO: 26
333 <211> LENGTH: 22
334 <212> TYPE: DNA
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: Oligonucleotide CF19
340 <400> SEQUENCE: 26 22
341 cttgaccctt ggtacccctt ac
344 <210> SEQ ID NO: 27
345 <211> LENGTH: 22
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
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352 <400> SEQUENCE: 27 22
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358 <210> SEQ ID NO: 28
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360 <212> TYPE: DNA
361 <213> ORGANISM: Artificial Sequence
363 <220> FEATURE:
364 <223> OTHER INFORMATION: Oligonucleotide CF21
366 <400> SEQUENCE: 28 22
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370 <210> SEQ ID NO: 29
371 <211> LENGTH: 22
372 <212> TYPE: DNA
373 <213> ORGANISM: Artificial Sequence
375 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/698,439

DATE: 08/27/2004

TIME: 16:28:47

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/698,439

DATE: 08/25/2004
 TIME: 16:22:37

Input Set : A:\PTO.FG.txt
 Output Set: N:\CRF4\08252004\J698439.raw

4 <110> APPLICANT: SIGA PHARMACEUTICALS, INC.
 6 <120> TITLE OF INVENTION: New Intergenic and Introngenic Integration Sites for
 7 Foreign Gene Expression in Recombinant S. Gordonii Strains
 9 <130> FILE REFERENCE: 016921-167
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/698,439
 C--> 12 <141> CURRENT FILING DATE: 2003-11-03
 14 <150> PRIOR APPLICATION NUMBER: US 60/184,645
 15 <151> PRIOR FILING DATE: 2000-02-24
 17 <160> NUMBER OF SEQ ID NOS: 49
 19 <170> SOFTWARE: PatentIn version 3.0

Does Not Comply
 Corrected Diskette Needed
 (PS.12)

ERRORED SEQUENCES

627 <210> SEQ ID NO: 49
 628 <211> LENGTH: 220
 629 <212> TYPE: DNA
 630 <213> ORGANISM: Artificial Sequence
 632 <220> FEATURE:
 633 <223> OTHER INFORMATION: Dyad symmetry sequence followed by a stretch of thymidine residue
 636 <400> SEQUENCE: 49
 637 gatttttattt ttttttcgag tcacgctctc cccctaaagg agaaaatgtga ctcaaaaaac 60
 639 aaaccttaaa aatcaaattt tagaaataag tcaaattttt gaaataagtc aaatttttaga 120
 641 aataagtcaa attttagaaa taagtcaaattt ttaataaaag ctttatctta ttttaagaac 180
 643 tgtctacatt atagaccaca atgttattaa ttttttagcta 220

E--> 646 016921-167.st25

E--> 651

delete

VERIFICATION SUMMARY DATE: 08/25/2004
PATENT APPLICATION: US/10/698,439 TIME: 16:22:38

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\08252004\J698439.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date ✓
L:646 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:224 SEQ:49 ✓
L:646 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11 ✓
L:646 M:112 C: (48) String data converted to lower case,
M:254 Repeated in SeqNo=49 ✓
L:651 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2 ✓
L:651 M:252 E: No. of Seq. differs, <211> LENGTH:Input:220 Found:228 SEQ:49 ✓